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1. A communication network comprising a user equipment, an access network and a plurality of core networks, wherein said user equipment is capable of being simultaneously in communication with at least two of said plurality of core networks, **characterized in** that said at least two of said core networks each comprise means for communicating separate ciphering parameters to said access network; and said access network comprises means for selecting one of said separate ciphering parameters for ciphering the communications between said user equipment and said at least two of said plurality of core networks.
 2. A communication network according to claim 1, **characterized in** that said access network further comprises means for ciphering said communications between said user equipment and said at least two of said plurality of core networks with said selected one of said separate ciphering parameters.
 3. A communication network according to claim 1 or 2, **characterized in** that said ciphering parameter is a ciphering key or a ciphering algorithm or a combination of both.
 4. A method of ciphering in a communication network comprising a user equipment, an access network and a plurality of core networks, wherein said user equipment is capable of being simultaneously in communication with at least two of said plurality of core networks, **characterized in** that said at least two of said core networks each communicate separate ciphering parameters to said access network; and that said access network selects one of said separate ciphering parameters for ciphering the communications between said user equipment and said at least two of said plurality of core networks.
 5. A method of ciphering according to claim 4, **characterized in** that said access network further ciphers said communications between said user

equipment and said at least two of said plurality of core networks with said selected one of said separate ciphering parameters.

- 5 6. A method of ciphering according to claim 4 or 5, **characterized in** that said ciphering parameter is a ciphering key or a ciphering algorithm or a combination of both.
- 10 7. A method of ciphering according to claim 4, **characterized in** that said access network comprises a plurality of entities dedicated for managing the ciphering of communications with user equipments located in a geographical area allocated to said respective entities, and that when said user equipment moves from a geographical area allocated to a first ciphering managing entity to a geographical area allocated to a second ciphering managing entity, said first ciphering managing entity communicates used ciphering parameters to said second ciphering managing entity by signalling over said at least two of said plurality of
- 15 core networks.
- 20 8. An access network element connected to a plurality of core networks, and to a user equipment, wherein said user equipment is capable of being simultaneously in communication with at least two of said plurality of core networks over said access network, **characterized in** that said access network comprises means for receiving separate ciphering parameters from said core networks; and said access network comprises means for selecting one of said separate ciphering parameters for ciphering the communications between said user equipment and said at least two of said
- 25 plurality of core networks.